Trans 1 (1) Frame 0 Co VIII \*

°P = °H, 1P

AbiNEquily \*

# EX 3.3

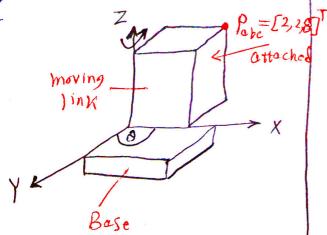
المعالمة ال

 $P_{xyz} = R(y, 60) P_{abc}$ 

## EX 3.5

Pabe = RT(4,60) Pxyz

Ex 3.7



1)  $P_{xyz} = R(z, 0) P_{abc}$ 2)  $P_{xyz} = R(z, 180) P_{abc}$ 

2)  $\theta = 180$ 

Ex 3.8

by a

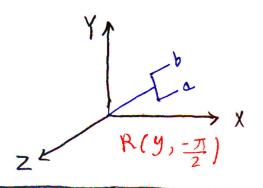
soquence

(i) R(Z, T/2)

(II) R (X) II)

(iii) R (y, - T/2)

 $R = R(y, -\frac{\pi}{2}) R(x, \pi) R(z, \frac{\pi}{2})$   $R(z, \pi/2) \times X$   $R(x, \pi) \times X$   $R(x, \pi) \times X$ 



## EX 3.12

 $H = H_t(y, 5) H_r(z, -90) H_r(x, 90) I$ abc

### EX 3.13

 $H = H_t(x,4) H(x,60) I H_t(e,-6)...$  H(B,30°)

### Ex 3.16

Uf canif (All frame 11 x

lis class) (All frame 11 ab

Translation 16 Translation 15] \*

Moving do elogo do

Rotation 14 elogo 15] \*

Chimbin 16 Translation 11 df

Fixed 11 diein 15 elogo

HB = Ht(5, -20,5) H(x, 180)...

H(Z, 90)